• ANNUAL INDEX

PUBLIC WORKS

Volume 88

January-December

1957



THE MOST USEFUL ENGINEERING MAGAZINE FOR CITIES, COUNTIES AND STATES

This Volume of PUBLIC WORKS is available on microfilm through University Microfilms, 313 North First St., Ann Arbor, Michigan.

PUBLIC WORKS INDEX

January-December 1957 Volume 88

Month and page	Month and page	Month and pag
HIGHWAYS AND STREETS	Materials	Safety
HIGHWATS AND STREETS	Fly Ash Used for Bituminous	Precast Concrete Pedestrian Bridges
Bituminous Pavements	Road Construction Feb. 70	Built Over Expressways Jan10
ubber-Asphalt Paving for Playgrounds	Right-of-Way Fencing on the Kansas Turnpike Apr.—159	Standby Electric Power for a TurnpikeJan.—17 Right-of-Way Fencing on the
and Recreational Areas July-108	Locating Gravel Sources for Highway	Kansas Turnpike Apr.—15
peration of a County Asphalt PlantAug.—172 ate Operated Asphalt Plant Helps	Use July-95 Lightweight Concrete July-136	Night Patrol Operation Aug. 9 Design of Highway Fences Nov. 15
Resurfacing by Force AccountOct136	Evaluating Gravel Sources for Highway	How to Use Lanterns for Highway
unicipal Hot Mix Asphalt Plant Reduces Paving Costs	Use Sept.—128 Design of Highway Fences Nov.—158	Warning and Lighting Barricades Dec14
arkway Bridge Gets New Reinforced	Paint Used in Highway Striping Dec. 34	Snow and Ice Control
Asphalt SurfaceDec.—159	Selecting Hard Aggregates for Road Building by "Elastic Fractionation" Dec.—158	Mechanizing for 3,000,000 Miles
ridges, Culverts,	Poz-O-Pac Road Base Shows Low First Cost and High QualityDec.—166	of Highway Maintenance
rainage and Tunnels	Low First Cost and High QuantyDec100	A "Near-Miracle" in Ice ControlFeb11
ecast Concrete Pedestrian Bridges	B11	Industry Requires Bare Pavements All Winter Feb.—16
Built Over ExpresswaysJan103	Parking	All Winter Feb.—16 The County Engineer and Snow
obot Collectors Handle Tolls Feb.—156 ow Engineering Cnn Save Money	Getting 10,600 Parking Spaces for Coral Gables	and Ice ControlAug.—9
in Drainage Structures Mar207	Keeping Signs and Parking Meters	The People Demand Snow Free Roads Aug9 Night Patrol Operation
event Bridge Failures with Adequate Maintenance Apr.—96	in Top Shape May-101 From Horses to Horsepower Where to	Parts of the South Have Snow
lvert Extension with Corrugated PipeApr129	Hitch Is Still the Question May-141	and Ice Problems Too
idge Redecked in Fast TimeJune-134	Municipal Lots Provide Off-Street Parking June—188	Air Age Aug.—16 Toll Roads Must Be Kept Free
in One Working DayJune-166	25 to 30 Square Feet per Car	of Snow and Ice Sept11
mporary Bridge Built at Low CostJuly—192 ecting Composite Steel-and-Concrete	for Downtown ParkingJuly-106 A Parking Lot to Aid Downtown	A Well-Planned Snow and Ice Control Program Oct.—10
Bridges Nov.—124	Business Aug.—111	Rock Salt for Snow and Ice ControlNov11
oncrete Pavements		Chabiliand Confesse and Bases
ghtweight ConcreteJuly-136	Pavement Modernization	Stabilized Surfaces and Bases
perimental Highway of Pre-Stressed	How to Improve More Mileage	How to Improve More Mileage on a Fixed Budget
ConcreteAug.—158	on a Fixed Budget	Soil-Cement Stabilization Feb10
onstruction Methods	Operating the Highway Department of a Rapidly Growing CountyFeb.—102	Why Build Soil Cement Roads?
ctors Influencing the Choice	Surface Treatments for Highways May-108	Salt Brine Well Cuts Road Treatment
of Compaction Equipment	Promoting a City-Wide Street	Costs July-12 Worn Out Road Rebuilt with
Ash Used for Bituminous Road Construction Feb.—70	State Operated Asphalt Plants Helps	Lime StabilizationNov10
nstruction Training Aids Feb100	Resurfacing by Force AccountOct.—136 Worn-Out Road Rebuilt with	Street Cleaning
ny Build Soil Cement Roads?	Lime StabilizationNov.—100	The state of the s
Maintenance Apr.—115		The Highway Litterbug Costs Millions Mar11 The City That Came Back
rface Treatments for Highways	Finance, Legal and Planning	Highway Activities of Los Angeles
Improvement June-104		County Sept.—16 Baling Leaves Reduces Autumn
od Streets at Low Cost July—112 n-Type Retaining Wall	Engineering in Rural Counties Jan.—99 Highway Planning for the Small City;	ProblemOct.—18
Solves Sliding Fill Problem Dec.—159	Maps Are First Essentials Jan120	Street and Area Lighting
z-O-Pac Road Base Shows Low First Cost and High Quality Dec.—166	Charges for Repairing Street Cuts Jan.—141 Right-of-Way Policy for Arterial	Phoenix Lights UpJan12
	Projects Feb.—68 Operating the Highway Department	The World's Longest Fluorescent-Lighted
esign	of a Rapidly Growing CountyFeb102	Street Feb12 Modern Lighting for Shopping
ghway Fundamentals Apr.—142 eeding Up Highway Engineering June—168	Training Traffic Engineers Mar.—110 Highway Planning for the Small City:	Centers Mar.—11
ectronic Computers Can Help Cities	How Many Cars? Apr.—94	Effective Roadway Lighting PracticeApr,-10 Clustered Lights Illuminate Shopping
and Counties Aug.—123 ndling the Problems of	Promoting a City-Wide Street Improvement Program	Center May-17
Subdivision HomesNov.—85	Highway Planning for the Small City:	Better Lighting for a Wide Main Street June-11
	Where Are They Going?June-118 Highway Planning for the Small City:	Bright Functo for a Big CityAug12
quipment	Solving the Traffic ProblemAug128	New Waite Way Spurs Demand for Better Street LightingSept.—14
chanizing for 3,000,000 Miles of Highway MaintenanceJan.—106	Area Development for Counties	A Business Minded City Wanted
ctors Influencing the Choice	Homes Nov.—85	Good Street Lights Oct.—14
of Compaction Equipment Jan.—124 Payloader and Backhoe Uses Jan.—135	Specifications for Subdivision Roads in North Carolina Dec.—32	Surface Maintenance
re Uses for the Payloader-Backhoe	Operating a County Highway	Mechanizing for 3,000,000 Miles
Combination Jan.—137 arry and Blacktop Plant Make Money	Department Dec.—97 Calculators Save Time for County	of Highway Maintenance Jan10
for County	Highway Department Dec.—109	Low Cost Oiled Roads Mar.—15 Toledo's Surface Treating Program Mar.—18
eration of a County Asphalt PlantAug.—172 nat Equipment Counties Find Most		Checking Pavement Smoothness
Useful Sept.—74	Roadside Improvement	Mudjacking Operations in Highway Maintenance Apr.—11
te Operated Asphalt Plant Helps Resurfacing by Force AccountOct.—136	The Highway Litterbug Costs Millions Mar119	North Carolina Measures Roughness
rtable Drill Speeds Work on	Erosion Control as a Tool	of Roads Apr.—12 Surface Treatments for Highways May—10
12,000 Post HolesOct.—145 vo-Way Radio in County Highway	in Maintenance	Today's Street Maintenance
Work	New Method of Establishing Turf with the Use of AsphaltJuly-110	at Yesterday's PricesMay-13 Salt-Filled Vertical Drains for Highway
erating a County Highway	Building Maintenance Into Highways Sept 107	Improvement June-10
Department Dec.—97	Portable Drill Speeds Work on 12,000 Post HolesOct.—145	Highway Activities of Los Angeles County Sept.—16
A-G Soil Penetrometer Dec.—105 ow to Use Lanterns for Highway	Design and Maintenance of Roadside Parks Dec.—100	Street and Sewer Maintenance in Milwaukee Nov7

03

159

99

48

52

66

100

102

110

100

112

126

100

162

180

122

128

178

44

46

115

135

104 162 Month and page

Sewage Treatment—Construction

Paints for a Sewage Treatment PlantMar,-19	96
Sewage Treatment for Shopping Areas May-10	06
Concrete for Sewage Works	08
Biofilters with Corrugated Metal WallsJune-13	37
Modernization of an Overloaded Sewage	
Treatment Plant Sept14	49
1956 Sewage Treatment Plant	
Construction Oct.—1'	73
Use of Steel in Sewage Plants Cuts Costs,	00
Speeds Construction Nov12	23

Treatment Methods and Research

Studies Promote Better Understanding	T 300
of the Activated Sludge Process	Jan.—129
The Status of Membrane Filter Use	Jan196
Research on Trickling Filters:	
Research on Trickling Filters: Alternating Double Filtration	Feb.—125
Treatment of Sewage Sludge by the	
McDonald Process	Mar.—111
Synthetic Detergents in Water	
and Sewage	Apr130
Sewage Lagoons for the Treatment of	1
Raw Municipal Wastes	
A Study of Sewage Treatment	
Efficiencies	June-112
High-Rate Sludge Digestion	July-160
Sewage Sterilization by Irradiation	July-180
Waste Treatment Process for Small	
Plants	Aug -188
Lagooning of Sewage and Industrial	
Wastes	Sept -220
Highlights of Research in Sanitary	
Engineering	Dec73
Public Health Service Research Grants	
	Dec.—73
Program Clinic	
From Ohio River Surveys to a Clinic	Dog 75
Sanitary Engineering Problems	Dec. 10
The Survival of Pathogenic Organisms	
in Sewage	Dec.—su
Detergent Break-Down and Air Pollut	ion p
by Inefficient Combustion	Dec.—81
Advancement in Bacteriology and	Tr 00
Analytical Methods	Dec.—89
New Concepts of Sedimentation	Dec.—96

Sewerage Digests

Jan.	-156:	Feb.	134:	Mar	190;	Apr.	-150:
May-	-210:	June-	170:	July-	174;	Aug	150:
El march	200	· Chat	374 .	More	160	· Dec	150

WATER SUPPLY AND PURIFICATION

Finance, Legal and Planning

Charges for Repairing Street Cuts	Jan.—141
Charges for Extending Water Mains to Subdivisions and Developments	Fob 08
Subdivisions and Developments	A
A Workable Water Extension Policy	Apr107
Bid Prices for Salem, Oregon,	
Pipe Line	June-84
Average New Water Service Cost	
and Charge	June-86
New Water Facilities for	
Columbia, S. C.	June-176
Federal Aids in Community Water	
Development	July 74
Additional Water for Little Rock	Arres 01
Additional water for Little Rock	AugDi
Recording Valve Locations in	
Water Distribution Systems	Sept.—105
The Water We Do Not Use	Sept.—134
Drive-In Service for Water Bill	
Payment	Nov90
Automatic Accounting Slashes	
Water Billing Time	Nov91
Dual Plants Treat Water and Sewage	
for a Subdivision	Nov 106
C D D D D D D D D D D D D D D D D D D D	1404100
Growing Population Demands a	31 110
Modern Water System	Nov.—118
Land Subsidence Resulting from Intensi-	ve
Ground Water Development	Dec30
How a City Cut Water Billing Costs	Dec103
The same of the sa	

Pumping

Knowledge of Geology and Engineering	
Solves Water Problems	July-92
The Case for Submersible Pumps for Deep Wells	July-125
Telemetering Coordinates Ten-City Water System	Oct.—108
Water Output Doubled with Diesel Booster	
Telemeter Controls Operate 23-Well	Nov. 111

Reservoirs and ranks	
Evaporation Losses and Control	Jan138
Shoreline Correction Aids Evaporation Control	Feb 91
How One Community Is Beating the	
Water Shortage	
Industrial and Suburban Growth Prompts	
Expanded Water System	Mar137
New Reservoirs Aid Industrial	
Expansion	Apr103
Automatic Treatment Plant and Ample	
Storage Solve Water Problems	May-114
Evaporation Control as a Means of	
Water Conservation	June-101
Timber Dome Protects Water	
Reservoir	July-105

Supply Lines and Distribution—

Construction	
Industrial and Suburban Growth Promp	its
Expanded Water System	Mar137
Plywood Panels for Trench Shoring	May-113
Three Water Users Construct	
Joint Pipe Line	July-170
Cost of Laying Water Pipe in 1956	
Diversified Approach Solves Community	
Water Problems	
Blocking Water Pipe Fittings	Aug.—192
Recording Valve Locations in Water	
Distribution Systems	Sept.—105
10 MGD Water Line in Difficult	
Terrain	Sept.—118
Utility Changes Needed for Chicago	
Skyway Toll Bridge	Oct.—143

Treatment Plants—Design

and Operation	
Three Overseas Plants for Drinking Water	Apr.—18
Automatic Treatment Plant and Ample Storage Solve Water Problems	May-11
	May-12
Better Conditioning Solves Water Filtration Problems	June-10
Copper Mining Plant Squeezes Water Dry	June-12
Automatic Filtration Plant Serves Durango	July-13
Automatic Operation of Small Water Plants	Aug.—18
Diatomite Filters Treat Water from Catskill Aqueduct	
Liquid Alum for Water Treatment Laboratory Control for Chicago	Sept.—15
Water Supply	Nov.—7
Telemeter Controls Operate 23-Well System	Nov.—11
Growing Population Demands a Modern Water System	Nov.—11

Treatment Methods and Research

An Engineer's Approach to Water		
Treatment	Jan	-133
The Status of Membrane Filter Use Synthetic Detergents in Water	Jan	-196
Synthetic Detergents in Water and Sewage Automatic Gravity Filter Operates	Apr	-130
Without Valves	May-	-104
Radioactive Matter in Water Supplies . Chlorine Dioxide for Water Treatment	May-	-182
Generated Without Chlorine	May-	-220
Fresh Water from Saline Sources by the	he	
Electronic Membrane Process Diatomaceous Filters and	June-	-135
Microstrainers	Sept.	-158
The Effect of Detergents on Water Treatment	Sont	104
Corrosion Studies	Doo	-104
Ovigin of Tastes and Oders in		
Drinking Water		83
Detergent Break-Down and Air Pollution		
by Inefficient Combustion	Dec.	-87
Advancement in Bacteriology and Analytical Methods	Dec	.—89
Rates and Mechanisms of Reactions Involving Oxy-Chloro Compounds	Doc	0.0
Surface Reaeration of Water as Affect	ed	91
by Domestic Sewage	Dec	-92
New Concepts of Sedimentation	Dec	96
Water Demand		

maio. Demana	
Water Supply Resource Planning	Feb.—122
Water Use Data and Pumping Costs	
from Pasadena	Mar90
Water Usage in Milwaukee	Mar90
Estimated Use of Water in	
United States	Mar94
Water Use and Sewage Volume of the	1111000000
Public Away from Home	Mar108
A Future Water Requirements Study	
County-Wide Water Study and	
Inventory	Aug.—112
The Water We Do Not Use	Sept.—134
Water Production and Use in	
Salem, Oregon	Oct.—82

Water Supply and Sources

Water Supply Resource PlanningFeb	122
Reverse Rotary Well Construction Apr	117
Copper Mining Plant Squeezes Water	
Dry June-	125
Fresh Water from Saline Sources by the	
Electronic Membrane Process June-	135
Knowledge of Geology and Engineering	
Solves Water ProblemsJuly-	-92
Rainfall and Runoff Data from	
Indiana Watersheds July-	146
Additional Water for Little RockAug	
County-Wide Water Study and	
Inventory	112
Diversified Approach Solves Community's	
Water ProblemsAug,-	130
The Water We Do Not Use Sept.—	134

Water Works Digests

Jan	180;	Feb.	150;	Mar.	-166;	Apr	170 :
May-	168;	June-	-156;	July-	-150:	Aug	174:
Sent -	-170	Oct -	166	Nov.	-136	· Dec .	_139

ADMINISTRATION

Utilization of Engineering Personnel	Jan.—92
Operating the Highway Department of	
Rapidly Growing County	
Better Public Works Program	
for Jackson	Feb - 127
Experiences with Subdivision	121
Regulation	Anv 196
City Services are Decentralized	
Better Operations Result	Iuno 199
Village-Town Merger Brings	duite 122
Economies	Iuna 149
Improving Public Works Through	dune 142
Management Research	Inl. 199
An Approach to Measurement of	July-125
Civil Engineering Production	A 115
Snapshots Are 4-Way Help	
Better Service Through Better	Sept.—124
Public Works Organization	0-4 010
Area Development for Counties	Sept.—218
	Sept.—228
Attracting and Holding High Caliber	0 . 000
Personnel	Sept.—235
Handling the Problems of	** **
Subdivision Homes	Nov.—85
Conservative New England City	
Goes on the Air	Dec.—116

AIRPORTS

Sweeping Taxi Strips and Aprons at Idlewild Airport	Feb.—114
Sanitary and Storm Sewerage for an	
Airport Terminal Clean Runways—A Must for the	June—120
Air Age	
Airport Maintenance	Oct128
Stage Construction Keeps Akron Airpor	rt
Runways Up to Date	Nov95

CIVIL DEFENSE

Emergency Auxiliary Electric Plants Jan105
Data on Nerve Gas Poisoning Jan 176
Nerve Gas and Public Water Supplies Mar 206
Municipal Government Responsibilities
in an Atomic AgeApr91
Public Works Engineers in
Civil Defense Apr.—105
Make People Work for Civil DefenseJuly-157

MUNICIPAL POWER PLANTS

Emergency Auxiliary Electric Plants . How a Municipal Power Plant	Jan105
Increased Its Revenues	May-190
A Little Plant That Earned a Million	July-109
Nordberg Diesels Power Municipality	
for 35 Years	Sept.—170
Diesel-Generator Capacity Rockets to	Nov - 120

INSECT AND RODENT CONTROL

The	Problem	of	Insect	Resistance	*
				ACCRIBENTICE	
20	to Wat .			0. 11	NY 1 NE 10E

PUBLIC HEALTH

Air Sampling for Smog Control	Mar176
Municipal Government Responsibilities in an Atomic Age	
Experiences with Subdivision Regulation	Apr.—126
Radioactive Matter in Water Supplies	
Duties and Headaches of a Smoke Inspector	
Can Polio Be Spread Through Back-Siphonage?	Aug.—182
New Standards for Radiation Exposure	Sept230
Air Pollution and the Courts	Oct99
Waterborne Disease Outbreaks in 1956	Oct164
Using a Backhoe for Mosquito Control	Nov110
The Survival of Pathogenic Organisms in Sewage	Dec.—80
Detergent Break-Down and Air Pollution by Inefficient Combustion	n
Experimental Sand Filters for Airborna Radioactive Particulates	

RECREATIONAL FACILITIES

Unusual Design Cuts Swimming Pool	Feb.—113
Flush Deck Swimming Pools	
Seeding a Golf Course	
Rubber-Asphalt Paving for Playground and Recreational Areas	8
Landfill Operations Provide Four New Playgrounds	July-174
A Modern Municipal Swimming Pool	Aug138
Planning the Playground	Nov.—104

GENERAL AND MISCELLANEOUS

Construction Training Aids	Feb.—100
A Unique Public Works Project: A For Center for Better Distribution	Feb.—106
Training Traffic Engineers	Mar110
You Are a City Inspector	Mar148
How to Give a Speech Rural Pond Construction and	
Maintenance	May178
How to Conduct a Meeting	May-226
Population Projections for Local Areas	June-110
Rural Directories for Counties	
Driver Training for Public Works	July-133
Air Pollution and the Courts	
Channel Improvement Reduces Flood Damage and Reclaims Land	
Technical Training by Correspondence	Nov93
Air Placed Concrete for Miniature Railroad Tunnel	Nov.—144
14-Ft. Diameter Pipes Carry Sea Wate to Steam Station	

LEADERS IN PUBLIC WORKS

Henry A. Radzikowski	Jan.	1-16
Roy L. Phillips and Robert R. Perry	Feb.	1-16
Gerard A. Rohlich	Mar.	1 - 22
A. Prescott Folwell		
Harry E. Schlenz	May	1-24
James W. Spencer	June	1 - 24
Arthur W. Tews	July	1-22
Weston Gavett	Aug.	1-24
Sol Ellenson	Sept.	1-22
Kenneth W. Cosens	Oct.	1-20
C. E. Perkins	Nov.	1-18
Harry G. Hanson	Dec.	1-18

AUTHORS

Apfel, E. T., L. J. Goodman & H. W. Graves.—"Subsurface Explorations
by the A-G Soil Penetrometer"Dec105
Arthur, Guy Browning.— "The Highway Litterbug Costs
Millions" Mar.—119 Keeping Signs and Parking Meters
in Top Shape May-101 "City Services Are Decentralized Better Operations Result" June-122 "The Water We Do Not Use" Sept.—134 "A Business Minded City Wanted Good Street Lights" Oct.—146 Raffa John J—"Small Sewage
"A Business Minded City Wanted
Baker, Robert F.—"Factors Influencing the
Choice of Compaction Equipment' Jan.—124
Barney, Warren A.—"Financing Suburban Sewer Extensions" June—99 Barron, Roger —"The Case for Submers-
ible Pumps for Deep Wells"July-125
Sewer Extensions" June—99 Barron, Roger.—"The Case for Submers- ible Pumps for Deep Wells" July—125 Beadle, B. W. & Robert R. Cruse.— "Evaporation Control as a Means of Water Conservation" June—101 Belick, Frank M.—"San Jose's New Primary Plant: Model of Design, Lesson in Economics" July—87 Benson, Fred J.—"Surface Treatments for Highways" May—108 Besse, Stanford L.—"Storm Sewers Eliminate Local Flooding" July—145 Blumberg, R. K. & G. A. Cushman.—
Belick, Frank M.—"San Jose's New
Primary Plant: Model of Design, Lesson in Economics"
Berson, Fred J.—"Surface Treatments for Highways" May-108
Besse, Stanford L.—"Storm Sewers Eliminate Local Flooding" July—145
Blumberg, R. K. & G. A. Cushman.— "Knowledge of Geology and Engi-
neering Solves Water Problems" July-92
A Must for the Air Age"Aug.—102
Borland, Sherwood.—"Good Practice in Sewer Construction" Sept.—114
Boyd, William I.—"Weed Control for Roadside Drainage" Dec.—139
"Knowledge of Geology and Engineering Solves Water Problems" July—92 Bolton, Francis A.—"Clean Runways— A Must for the Air Age" Aug.—102 Borland, Sherwood.—"Good Practice in Sewer Construction" Sept.—114 Boyd, William I.—"Weed Control for Roadside Drainage" Dec.—139 Brakett, W. H.—"Unattended Pump- ing Station Solves Lake Pollution
ing Station Solves Lake Pollution Problem" Mar,—103 Brandt, Eddy S.—"Make People Work
for Civil Defense"July-157
Brenner, Donald.—"High Rate Com- posting May Solve Refuse Disposal
Problems" Dec.—156 Budd, William E.—"New Concepts of
Brenner, Donald.—"High Rate Composting May Solve Refuse Disposal Problems" Dec.—156 Budd, William E.—"New Concepts of Sedimentation" Dec.—96 Burde, Frank R.—"Sewage Treatment for a Modern Shopping Center" Nov.—96 Burnley, George F.—"Seeding a Apr.—156 Cabill Reference F.—"William Town.
a Modern Shopping Center"
Golf Course" Apr.—156
Golf Course" Apr.—156 Cahill, Richard F.—"Village-Town Merger Brings Economies" June—142 Carlson, H. V.—"Rubber-Asphalt Pav-
ing for Playgrounds and Recreational
Areas" July-108 Caro, Leonard H"A Well-Planned
Areas" July-108 Caro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates. H.J.—"Operating Louisville's New
Areas" July-108 Caro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110
Areas" July-108 Caro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service
Areas" July-108 Caro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service
Areas" July-108 Caro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service
Areas" July-108 Caro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service
Areas" July-108 Caro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service
Areas" July-108 Areas' July-108 Aro, Leonard H.—'A Well-Planned Snow and Ice Control Program' Oct100 Cates, H.J.—'Operating Louisville's New Incinerator' Dec110 Christofferson, R. M.—'Better Service Through Better Public Works Organization' Sept218 Coberly, Carroll H.—'Measuring Sewage Flows from Schools' May-143 Cochran, James B.—''Automatic Operation of Small Water Plants' Aug180 Colwell, Curtis C.—'The County Engineer and Snow and Ice Control' Aug94 Connell, Edward J.—''A Parking Lot to
Areas" July-108 Areas' July-108 Aro, Leonard H.—'A Well-Planned Snow and Ice Control Program' Oct100 Cates, H.J.—'Operating Louisville's New Incinerator' Dec110 Christofferson, R. M.—'Better Service Through Better Public Works Organization' Sept218 Coberly, Carroll H.—'Measuring Sewage Flows from Schools' May-143 Cochran, James B.—''Automatic Operation of Small Water Plants' Aug180 Colwell, Curtis C.—'The County Engineer and Snow and Ice Control' Aug94 Connell, Edward J.—''A Parking Lot to
Areas" July-108 Areas' July-108 Aro, Leonard H.—'A Well-Planned Snow and Ice Control Program' Oct100 Cates, H.J.—'Operating Louisville's New Incinerator' Dec110 Christofferson, R. M.—'Better Service Through Better Public Works Organization' Sept218 Coberly, Carroll H.—'Measuring Sewage Flows from Schools' May-143 Cochran, James B.—''Automatic Operation of Small Water Plants' Aug180 Colwell, Curtis C.—'The County Engineer and Snow and Ice Control' Aug94 Connell, Edward J.—''A Parking Lot to
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Aug.—94 Connell, Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Cooper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of
Areas" July-108 Caro, Leonard H.—'A Well-Planned Snow and Ice Control Program" Oct100 Cates, H.J.—'Operating Louisville's New Incinerator" Dec110 Christofferson, R. M.—'Better Service Through Better Public Works Organization" Sept218 Coberly, Carroll H.—'Measuring Sewage Flows from Schools' May-143 Cochran, James B.—'Automatic Operation of Small Water Plants' Aug180 Colwell, Curtis C.—'The County Engineer and Snow and Ice Control' Aug94 Connell, Edward J.—'A Parking Lot to Aid Downtown Business' Aug111 Cooper, H.—'Mudjacking Operations in Highway Maintenance' Apr115 Cornelius, N. E. & O. C. Hinton "Construction Training Aids' Feb100 Cosens, Kenneth W.—'The Operation of Sewage Treatment Flants' Oct111
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Aug.—94 Connell, Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Cooper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Aug.—94 Connell, Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Cooper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Aug.—94 Connell, Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Cooper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125 Craig, H. R.—"Checking Pavement Smoothness" Mar.—200 Crangle, Charles L.—"A Unique Public Works Project: A Food Center for
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Aug.—94 Connell, Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Cooper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125 Craig, H. R.—"Checking Pavement Smoothness" Mar.—200 Crangle, Charles L.—"A Unique Public Works Project: A Food Center for
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Connell. Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Copper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125 Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—108 Cruse, Robert R. & B. W. Beadle.—
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Connell. Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Copper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125 Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—108 Cruse, Robert R. & B. W. Beadle.—
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Connell. Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Copper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125 Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—108 Cruse, Robert R. & B. W. Beadle.—
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Connell. Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Copper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125 Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—108 Cruse, Robert R. & B. W. Beadle.—
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Connell. Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Copper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125 Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—108 Cruse, Robert R. & B. W. Beadle.—
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Connell. Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Copper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125 Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—108 Cruse, Robert R. & B. W. Beadle.—
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Connell. Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Copper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept.—125 Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—108 Cruse, Robert R. & B. W. Beadle.—
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Aug.—94 Connell, Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Cooper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—109 Cruse, Robert R. & B. W. Beadle.— "Evaporation Control as a Menns of Water Conservation" Cushman, G. A. & R. K. Blumberg.— "Knowledge of Geology and Engineering Solves Water Problems" July—92 Daniels, John F.—"Conservative New England City Goes On the Air" Dec.—116 Danner, Charles S.—"Aerial Photography for the City Engineer" Source Ind.— "Locating Gravel Sources for Ind. Of Source Ind. On I
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Aug.—94 Connell, Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Cooper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—109 Cruse, Robert R. & B. W. Beadle.— "Evaporation Control as a Menns of Water Conservation" Cushman, G. A. & R. K. Blumberg.— "Knowledge of Geology and Engineering Solves Water Problems" July—92 Daniels, John F.—"Conservative New England City Goes On the Air" Dec.—116 Danner, Charles S.—"Aerial Photography for the City Engineer" Source Ind.— "Locating Gravel Sources for Ind. Of Source Ind. On I
Areas" July-108 Areas" Oct106 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May-143 Cocherly, Carroll H.—"Measuring Sewage Flows from Schools" May-143 Cocherly, Carroll H.—"Measuring Sewage Flows Honey Hants" Aug180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Conell, Edward J.—"A Parking Lot to Aid Downtown Business" Cooper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr115 Conellus, N. E. & O. C. Hinton.— "Construction Training Aids" Feb100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Flants" Oct111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Sept125 Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb106 Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" July-109 Cruse, Robert R. & B. W. Beadle.— "Evaporation Control as a Menns of Water Conservation" June-101 Cushman, G. A. & R. K. Blumberg, "Knowledge of Geology and Engineering Solves Water Problems" July-92 Daniels, John F.—"Conservative New England City Goes On the Air" Dec116 Danner, Charles S.—"Aerial Photography for the City Engineer" Sept119 Dart, O. K., Jr. & J. W. Spencer.— "Locating Gravel Sources for Highway Use" Sept128 DeGroot, Archibald.—"Technical Training by Correspondence" Nov93
Areas" July-108 Areas" July-108 Aro, Leonard H.—"A Well-Planned Snow and Ice Control Program" Oct.—100 Cates, H.J.—"Operating Louisville's New Incinerator" Dec.—110 Christofferson, R. M.—"Better Service Through Better Public Works Organization" Sept.—218 Coberly, Carroll H.—"Measuring Sewage Flows from Schools" May—143 Cochran, James B.—"Automatic Operation of Small Water Plants" Aug.—180 Colwell, Curtis C.—"The County Engineer and Snow and Ice Control" Aug.—94 Connell, Edward J.—"A Parking Lot to Aid Downtown Business" Aug.—111 Cooper, H. H.—"Mudjacking Operations in Highway Maintenance" Apr.—115 Cornelius, N. E. & O. C. Hinton.— "Construction Training Aids" Feb.—100 Cosens, Kenneth W.—"The Operation of Sewage Treatment Plants" Oct.—111 Coulter, Richard G.—"Diatomite Filters Treat Water from Catskill Aqueduct" Craig, H. R.—"Checking Pavement Smoothness" Crangle, Charles L.—"A Unique Public Works Project: A Food Center for Better Distribution" Feb.—106 Crosby, Woodrow W.—"A Little Plant That Earned a Million" July—109 Cruse, Robert R. & B. W. Beadle.— "Evaporation Control as a Menns of Water Conservation" Cushman, G. A. & R. K. Blumberg.— "Knowledge of Geology and Engineering Solves Water Problems" July—92 Daniels, John F.—"Conservative New England City Goes On the Air" Dec.—116 Danner, Charles S.—"Aerial Photography for the City Engineer" Source Ind.— "Locating Gravel Sources for Ind. Of Source Ind. On I

Deurer, R. H.—"Vertical Dry-Pit Sewage Pumps" Apr.—102 Dobbins, William E.—"Treatment of Radioactive Laundry Wastes" Dec.—85 Dunlop, Stuart G.—"The Survival of Pathogenic Organisms in Sewage" Dec.—80 Deckhardt, H. G.—"Highway Pavement Marking Techniques" Sept.—147 Danans, Catherine.—"Automatic Accounting Shashes Water Billing Time" Nov.—91 Decenter of the State of th
Sewage Pumps" Apr.—102 Dobbins, William E.—"Treatment of
Radioactive Laundry Wastes" Dec.—85
Pathogenic Organisms in Sewage"Dec.—80
Marking Techniques"Sept147
Emans, Catherine.—"Automatic Account- ing Slashes Water Billing Time" Nov.—91
Empson, F. M. & R. E. Yoder.—"Exper-
Radioactive Particulates"Dec.—93
Water Supplies"
Euston, J. H.—"Improving Public Works Through Management Research" July—123
Paber, Harry A.—"Public Health Service
Opstein, Joseph.—"Nerve Gas and Public Water Supplies" Luston, J. H.—"Improving Public Works Through Management Research" July—123 "aber, Harry A.—"Public Health Service Research Grants Program" Dec.—73 "auth, E. H. & R. H. Stolley.— "Treatment of Sewage Sludge by the McDonald Process" Mar.—111 "ederick, Joseph C.—"Sewage Flow Con- siderations in Institutional Treatment Plant Design" Apr.—112
the McDonald Process"Mar.—111
rederick, Joseph C.—"Sewage Flow Considerations in Institutional Treatment
Plant Design"
succeptions in institutional treatment Plant Design" Apr.—112 Pisher, M. W.—"Erosion Control as a Tool in Maintenance" Mar.—131 Folwell, A. Prescott.— With Design Processing
"Diatomaceous Filters and Microstrainers" Sept.—158
"The Effect of Detergents on Water Treatment" Sent - 194
Industrial Wastes" Industrial Wastes Dec.—172 Industrial Wastes Dec.—172 Industrial Wastes Dec.—172 Industrial Wastes Dec.—172 Industrial Drains for Highway Improvement" June—104 July—103 July—103 Jarmhausen, Wilbur J.— "Chemicals Bring A Revolution to Rondside Weed Control" New Method of Establishing Turf With the Use of Asphalt" July—110
Drains for Highway Improvement"June-104
"Driver Training for Public Works"July-133
"Chemicals Bring A Revolution to
Roadside Weed Control"
With the Use of Asphalt" July-110
Backhoe Uses" Jan.—135
on Aquatic and Marine Life"
Geisheker, Bernard J.—"Fly Ash Emis- sion Limits and Standard Test Meth-
ods for Municipal Incinerators" Sept.—151
Saves Money" July-141
on Snow Control" Jan.—152
ment Plant and Ample Storage Solve
Water Problems"
Apfel.—"Subsurface Explorations by
Granstrom, Marvin L. & G. Fred Lee
Oxy-Chloro Compounds"
Graves, H. W., E. T. Apfel & L. J. Goodman.—"Subsurface Explorations
by the A-G Soil Penetrometer" Dec 105
Filters: Alternating Double
Filters: Alternating Double Filtration" Feb.—125 Gwinnup, Don.—"Prescription for a Sick Sewer" Sept.—143 Hall, Nelson W.—"Operating the High- way Department of a Rapidly Grow- ing County" Feb.—102
Sick Sewer" Sept.—143 Hall, Nelson W.—"Operating the High-
way Department of a Rapidly Grow- ing County" Feb.—102
Hallenburg, John K"10 MGD Water
Hallenburg, John K.—"10 MGD Water Line in Difficult Terrain" Sept.—118 Hallstead, W. F.—"Snapshots Are 4-Way Help" Sept.—124 Hamilton William T.—"A Workshle
4-Way Help" Sept.—124 Hamilton, William T.—"A Workable Water Extension Policy" Apr.—157 Harrington W. G.—"Operating a County
Water Extension Policy"Apr.—157 Harrington, W. G.—"Operating a County
Highway Department' Dec.—97
in India" Nov.—99
tronic Traffic Control System"Dec.—115
Hinton, O. C. & N. E. Cornelius.—
"Construction Training Aids" Feb100
Hamilton, William T.—"A Workable Water Extension Policy"
"Unusual Design Cuts Swimming
"Unusual Design Cuts Swimming Pool Costs" Feb.—113 "How One Community is Beating the Water Shortage" Mar.—133
"Unusual Design Cuts Swimming Pool Costs" "How One Community is Beating the Water Shortage" "Incinerator Will Solve Many Refuse Problems" Apr
"Unusual Design Cuts Swimming Pool Costs" "How One Community is Beating the Water Shortage" "Incinerator Will Solve Many Refuse Problems" Apr
"Unusual Design Cuts Swimming Pool Costs" "How One Community is Beating the Water Shortage" "Incinerator Will Solve Many Refuse Problems" Apr
"Unusual Design Cuts Swimming Pool Costs" "How One Community is Beating the Water Shortage" "Incinerator Will Solve Many Refuse Problems" Apr
"Unusual Design Cuts Swimming Pool Costs" "How One Community is Beating the Water Shortage" "Incinerator Will Solve Many Refuse Problems" Apr
"Unusual Design Cuts Swimming Pool Costs" "How One Community is Beating the Water Shortage" "Incinerator Will Solve Many Refuse Problems" Apr
"Unusual Design Cuts Swimming Pool Costs" "How One Community is Beating the Water Shortage" "Incinerator Will Solve Many Refuse Problems" Apr
"Unusual Design Cuts Swimming Pool Costs" "How One Community is Beating the Water Shortage" "Incinerator Will Solve Many Refuse Problems" Apr
"Unusual Design Cuts Swimming Pool Costs" "How One Community is Beating the Water Shortage" "Incinerator Will Solve Many Refores Problems

Oxy-Chloro Compounds"

Lee, Lester D.—
"Modernization of an Overloaded
Sewage Treatment Plant"
"Selbee, Hugh C. & Randolph L. Smith—
"Sewage Lagoons for the Treatment
of Raw Municipal Wastes"
"Cold Weather Waste
Treatment Plant"
"A Study of Sawage Lagoon Sept. -149 Apr -186 "A Study of Sewage Lagoon
Design Factors"

icke, H. M.—"Toledo's Surface
Treating Program' July-142

Loucke, H. M.—"Toledo's Surrace
Treating Program" Mar.—188
Lynn, Walter R.—
"Nomographic Solutions for the Design of Trickling Filters and Sedimentation Tanks" Aug.—105
"Nomographic Solutions for the Design of Annerobic Digestion Equipment" MacDonald, George.—"Electronic Computation of Photogrammetric Data" June—115
MacPherson, A. R.—"New Reservoirs Aid Industrial Expansion" Apr.—103
Mann, Dave.—"Industry Requires Bare
Pavements All Winter" Feb.—166
Mansfield, C. S.—"Diversified Approach
Solves Community Water Problems" Aug.—130
McCallum, Gordon E.—"A Progress Report on the First Year of the Grant
Program for Construction of Sewage Treatment Works" Oct.—139
McCarthy, Joseph A. & Barnet L.
Rosenthal.—"Biological Treatment of
Tannery Wastes" Dec.—82
McCorison, L. E. & Richard Gallagher.—July—133
McGaughey, P. H.—
"Detreent Break-Down and Air Pol-McGaughey, P. H.—
"Detergent Break-Down and Air Pollution by Inefficient Combustion".
Meisner, J. W.—"Calculators Save Time

Meisner, J. W.—"Calculators Save Time for County Highway Department"....Dec Mende, Jacob.— "Highway Planning for the Small City: Maps Are First Essentials" Jan Dec.-109 Jan.-120

...Dec.-87

Solving the Traffic Problem" Aug.—128
Miller, Norman R.—
"Planning the Playground" Nov.—104
Millwee, Robert M., Jr.—"Use of Steel
in Sewage Plants Cuts Costs, Speeds
Construction" Nov.—123
Moehlman, Roger, et al.—"County-Wide
Planning for Sewage Treatment" June—128
Morrison, E. O. & C. J. Tullo.—"Flow
Control Equipment for Automatic
Variable Speed Pumps"Sept.—137
Morrison, J. L.—"Better Refuse Collection with Packer-Type Trucks"Aug.—109

Mullen, Jack.—"The City That
Came Back"
Neale, H. J.—"Building Maintenance
Into Highways"
Neill, Carl E.—"Today's Street Maintenance at Yesterday's Prices"
Nesheim, Arnold S.—"Public Works
Engineers in Civil Defense"
Nicholas, Guy E.—"Night Patrol
Operation"
Niehoff, Walter H.—"A 'Near-Miracle'
in Ice Control" July-118 Sept -- 107 May-135 Apr.-105 Aug.-99 Niehoff, V Niehoff, Walter H.— A Stead Feb.—111
Nielson, Robert W.— 'New White Way
Spurs Demand for Better Street
Lighting' Sept.—144
Ogden, W. L.—'A Study of Sewage
Treatment Efficiencies' June—112
Pate, C. W.—'Small High Rate Trickling
Pate, C. W.—'Small High Rate Trickling
July—117 Pate, C. W.— S. Filter Plant" Filter Plant"
tterson, J. R.—"Designing a Sewage
Pumping Station"
ty, Ben.—"Highway Fundamentals"... Apr.-142 Mar -144 June-117 Pierce, Albert R.—
"Phoenix Lights Up" "Phoenix Lights Up"
Porges, Ralph.—"Water Supply
Resource Planning"
Pratt, Willard S.—"More Uses for the
Payloader-Backhoe Combination"...Jan.—137
Proudley, C. E.—"North Carolina Measures
Roughness of Roads"...Apr.—128
Purnell, William B. & Ardis White.—
"Precast Concrete Pedestrian Bridges
Built Over Expressways"...Jan.—103 Jan.- 122 Quinn, Maloy.—"Controlling Roadside Weeds and Brush by Use of Chemicals"Apr.—123 and Brush by Ose of Chemical Actions of Miles of Mechanizing for 3,000,000 Miles of Highway Maintenance" Jan.—106
Rand, M. C.—"Surface Reaeration of Water as Affected by Domestic Sewage" Dec.—92
Reimer, Louis J.—"Sewerage Financing Apr.—180 in Ohio
Reinhardt, Frank J., Jr.—"Duties and
Headaches of a Smoke Inspector". Jt
Robinson, R. R.—"From Horses to Horsepower.... Where to Hitch is Still the Question the Question"

Rogus, C. A.—"Rock Salt for Snow
and Ice Control"

Rose, Franklin T.—"Design and Maintenance of Rondside Parks"

Rosenthal, Barnet L. & Joseph A.

McCarthy.—"Biological Treatment of
Tannery Wastes"

Rudolph, Walter.—"Sewage Treatment
for a Growing City" May-141 Nov.-113 Dec.--100 Dec.-82 Feb.-117 for a Growing City"
"Sanitary and Storm Sewerage for
an Airport Terminal"
Russell, F. J.—"State Operated Asphalt
Plant Helpa Resurfacing by
Force Account"
Russell, P. J.—"Prevent Bridge Failures
with Adequate Maintenance"
Salvato, J. A., Jr.—"Experiences With
Subdivision Regulation"
Sander Livin P.—"Swarze Treatment or June-120 Oct.-136 ...Apr.-96 Apr.-126 Seal, Benjamin C.—"You Are a City Inspector'
Sharp, Clifford.—"Kansas Turnpike Sewage Treatment Planta"
Sharpensteen, J. T.—"Why Build Soil Cement Roads?"
Siler, L. J.—"Roadside Weed Control With Rotary Cutters"
Skornicka, Joseph E., Jr.—"Sanitary Fill by the Ramp Method"
Smith, Carl D.—"Municipal Refuse—A Low-Cost Resource"
Smith, Randolph L. & Hugh C. Leibee"Sewage Lagoons for the Treatmen Mar.-148 Aug.-142 Mar.-104 July-124 May-137 July-94 "Sewage Lagoons for the Treatment of Raw Municipal Wastes"" "Cold Weather Waste Treatment Plant" "A Study of Sewage Lagoon Design Factors" Apr.-186 May-139

Nov.-108

Snell, John R.—"Composting Your Organic Wastes at a Profit"

Snow, E. A., Jr.—"Chlorine Dioxide for Water Treatment Generated Without Chlorine"

Sparr, Anton E.—"Aerator Foaming Can Be Controlled"

Spencer, J. W. & O. K. Dart, Jr.—"Cocating Gravel Sources for Highway Use"

"Evaluating Gravel Sources for Highway Use"

"Evaluating Gravel Sources for Highway Use"

Spohr, Guenter W. & John W. Hood.—"Studies Promote Better Understanding of the Activated Sludge Process"

Sproule, F. R.—"How to Improve More Mileage on a Fixed Budget"

Squires, Harry A.—"A Future Water Requirements Study"

Stadvee, Ernest.—"Area Devlopment May-220 Apr.-99 July-95

Sept.-128

Jan.-112 July-115 Stadyec, Ernest.—"Area Devlopment for Counties"

Stephens, Uel.—"Evaporation Losses and Control" Jan.-138 Feb.-91

July-136 Feb.-108 Mar.-111 Oct -- 108

Stephens, Uel.—"Evaporation Losses and Control"

"Shoreline Correction Aids
Evaporation Control"

Stephenson, Henderson K. & Truman R. Jones.—"Lightweight Concrete Stobaugh, J. J., "—"Soil-Cement Stabilization"

Stolley, R. H. & E. H. Fauth.—

"Treatment of Sewage Sludge by the McDonald Process"

Stone, Ormand A.—"Telemetering Coordinates Ten-City Water System".

Stumm, Werner.—"Corrosion Studies".

Sullivan, John W.—"An Approach to Measurement of Civil Engineering Production".

Swetland, R. M.—"Effective Roadway Lighting Practice"

Taylor, W. R. L.—"Good Streets at Low Cost".

Thackwell, H. I.—"An Engineer's Approach to Water Treatment"

Thompson, K. A.—"Photogrammetry Spe Completion of Trunk Sewer Line".

Tobey, James A.—"Air Pollution and The Courts"

Tullo, C. J. & E. O. Morrison.—

"Flow Control Equipment for Auto
"Flow Control Equipment for Auto-Dec.-78 Apr.-107 July-112

Jan.-133 June-106 Oct .- 99

The Courts"
Tullo, C. J. & E. O. Morrison.—
"Flow Control Equipment for Automatic Variable Speed Pumps" ...
Van Deusen, R. H.—"City and State Join to Build Sewage Treatment Plant ...
Victoria, Vesta.—"Bright Future for a Big City" Aug.-107 Big City" Aug. 121
Wahl, A. J.—"Does Preventive Sewer
Maintenance Pay Dividends? Oct.—177
Waldschmidt, Melvin.—"Incinerator Solves
Burnable Waste Problem" Feb.—96

Wallace, R. W.—"Overhead Signs for Better Traffic Control" Mar.—128 "Better Signing with Sign Logs" Nov.-102 Sept.-110

"Better Signing with Sign Logs" ... N
Washer, Louis, Jr.—"Parts of the South
Have Snow and Ice Problems Too"...A
Wedeking, Albert J.—"Toll Roads Must
Be Kept Free of Snow and Ice" ... So
Welsh, George W., Jr.—"Dependable
Pumps and Motors in an Expanding
Sewerage System" ... I
Wenger, E. C.—"Concrete for
Sewage Works" ... M
Westfall, L. A.—"Roadside Weed
Control Program" ... J
White, Ardis & William B. Purnell.—

White, Ardis & William B. Purnell.— Feb.-109 June-127 White, Ardis & William B. Purnell.
"Precast Concrete Pedestrian
Bridges Built Over Expressways"

Jan.-103 Wilkins, Marion.—"Two-Way Radio in County Highway Work" Nov.—121 Wood, C. Leland.—"Emergency Auxiliary Electric Plants" Jan.—105 Wright, C. E.—"A Master Traffic Plan for Miami" Feb.—120 "Getting 10,000 Parking Spaces for Coral Gables"

Apr.-124 "Sewage Treatment for Shopping Areas" ... May-106 "Operation of a County Asphalt Plant" Aug.-172 "Electronic Traffic Control for Orlando" "Dual Plant Treats Water and Sewage for a Subdivision" Yoder, R. E. & F. M. Empson.— "Experimental Sand Filters for Air-Nov -- 106

borne Radioactive Particulates D von, Mitchell R.—"Municipal Government Responsibilities in an Atomic Age"....A Dec .- 93 ...Apr.-91 Zitter, Meyer.—"Population Projections for Local Areas" June-110